Application Serial No. 10/642,936
Reply to office action of September 20, 2005

PATENT Docket: CU-3332

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

 (Currently Amended) A method of fabricating a semiconductor chip from a semiconductor wafer having a first surface supporting a semiconductor element and a second surface opposite the first surface, the method comprising the steps of:

forming a resist on one ore both of the first surface and the second surface, the resist including an aperture for exposing a cutting portion of the semiconductor wafer;

performing isotropic etching at least partially on a the exposed cutting portion of the semiconductor wafer from one or both of the first surface and the second surface via the aperture of the resist, thereby forming a groove having a bowl-shaped cross-section, the groove including an aperture having a width greater than the width of the aperture of the resist; and

performing anisotropic etching on a bottom surface of the groove <u>via the</u>

<u>aperture of the resist in such a way that a width of a resulting aperture on the</u>

<u>bottom surface becomes smaller than the width of the aperture of the groove</u>,

thereby separating the semiconductor wafer into individual semiconductor elements.

(Original) The method as claimed in claim 1, further comprising the step of:
 forming a resist on the first surface to expose the cutting portion on the first
 surface, when the cutting portion is isotropically etched from the first surface.

Application Serial No. 10/642,936 Reply to office action of September 20, 2005 PATENT Docket: CU-3332

- 3. (Original) The method as claimed in claim 2, wherein the resist has rounded-off corners.
- 4. (Original) The method as claimed in claim 1, further comprising the step of: forming a resist on the second surface to expose the cutting portion on the second surface, when the cutting portion is isotropically etched from the second surface.
- 5. (Original) The method as claimed in claim 4, wherein the resist has rounded-off corners.
- 6-8. (Cancelled)
- 9. (Previously Presented) A method of fabricating a semiconductor chip from a semiconductor wafer having a first surface supporting a semiconductor element and a second surface opposite the first surface, the method comprising the steps of:

performing isotropic etching on a cutting portion of the semiconductor wafer from one of the first surface and the second surface, thereby forming a first groove having a bowl-shaped cross-section;

performing anisotropic etching on a bottom surface of the first groove, thereby forming a second groove; and

performing isotropic etching on a cutting portion of the semiconductor wafer from the other surface, thereby forming a third groove coupled to the second groove, the third groove having a bowl-shaped cross-section, and thereby separating the semiconductor wafer into individual semiconductor elements.